

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner of Patents, Washington, DC 20231.

Date

Ayesha S. Wilks

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Jeffrey P. Wright and
Steven F. Schicht

Attorney Docket No.: 500024.02

Serial No. : 10/055,514

Group Art Unit : 2188

Filed : February 14, 2002

Examiner : Not Yet Assigned

Title : METHOD AND APPARATUS FOR GENERATING A PULSE

TRANSMITTAL TO SUBMIT ORIGINAL LETTERS PATENT NO. 6,026,496

Commissioner of Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. § 1.178, enclosed is the original Letters Patent No. 6,026,496 in the above-identified reissue patent application. The Offer to Surrender the Original Patent was previously submitted to the Patent Office on June 7, 2002.

For your convenience, enclosed is a copy of the aforementioned Offer to Surrender the Original Patent for your review.

Respectfully submitted,

Date: October 30, 2002

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Enclosures:

Postcard

Original Letters Patent No. 6,026,496

Copy of Previously Submitted Offer to Surrender the Original Patent

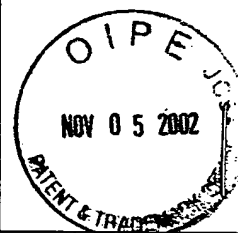
500024.02
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Commissioner for Patents
Washington, DC 20231

SENT: October 30, 2002

Kindly acknowledge receipt of the below-listed documents by placing
your receiving stamp hereon and mailing:

Date Stamp



Transmittal to Submit Original Letters Patent No. 6,026,496; Original Letters Patent
No. 6,026,496; Copy of Previously Submitted Offer to Surrender Original Patent; in
re: Jeffrey P. Wright and Steven F. Schicht, USAN 10/055,514, filed February 14, 2002,
for METHOD AND APPARATUS FOR GENERATING A PULSE.

H:\P\Documents\Clients\Micron Technology\00\500024.02\500024.02 ptd orig pat.doc

DORSEY & WHITNEY LLP

The
United
States
of
America



The Commissioner of
Patents and Trademarks

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extension.

T. Todd Pichini

Commissioner of Patents and Trademarks

Pandra Morton
Attest

500024.0
UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,026,496
DATED : February 15, 2000
INVENTOR(S) : Jeffrey P. Wright and Steven F. Schicht

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10.

Line 13, "wherein the pulsed" -- wherein the pulse --.

Line 47, "generated pulse it an" -- generated pulse at an --.

Line 50, "the Input/Output pull-up" -- the Input/Output pull-up --.



Attest:

Brenda Moore

Attesting Officer

Signed and Sealed this

Twenty-eighth Day of August, 2001

Nicholas P. Godici

NICHOLAS P. GODICI

Acting Director of the United States Patent and Trademark Office

[54] METHOD AND APPARATUS FOR GENERATING A PULSE

[75] Inventors: Jeffrey P. Wright, Boise, Id.; Steven F. Schicht, Austin, Tex.

[73] Assignee: Micron Technology, Inc., Boise, Id.

[21] Appl. No.: 09/001,738

[22] Filed: Dec. 31, 1997

[51] Int. Cl.⁷ G06F 1/04

[52] U.S. Cl. 713/500; 713/503; 713/600

[58] Field of Search 713/400, 401, 713/500, 501, 503, 600, 601; 327/172, 173, 174, 181, 291

[56] References Cited

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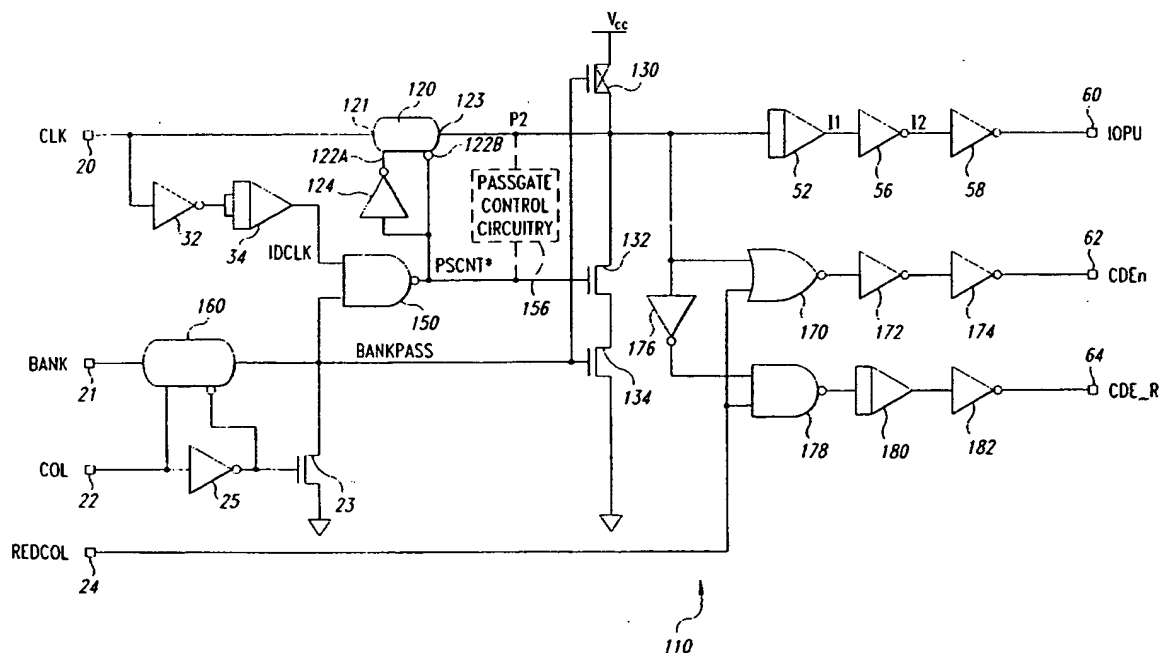
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Primary Examiner—Dennis M. Butler
Attorney, Agent, or Firm—Dorsey & Whitney LLP

[57] ABSTRACT

A circuit for generating a pulse with minimal delay after receiving a trigger signal includes a passgate, a gating circuit, and a reset circuit. The passgate is enabled by control signals received at the gating circuit having a trigger signal as one of the control signals. The trigger signal is also presented as an input to the passgate. When enabled, the passgate propagates the trigger signal to an output. A predetermined time after the trigger signal appears at the passgate input, a passgate control signal is turned off, thereby preventing the trigger signal from further passing through the passgate. The reset circuit is then turned on, which pulls the signal at the output of the passgate to a reference voltage, ending the pulse. Once the pulse is generated, it can be rectified and further combined with other signals to produce signals used in other parts of the circuit.

52 Claims, 6 Drawing Sheets



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Patent Application:

Applicants : Jeffrey P. Wright and Steven F. Schicht
Assignee : Micron Technology, Inc.
Filed : February 14, 2002
For : METHOD AND APPARATUS FOR GENERATING A PULSE
Docket No. : 500024.02

Corresponding Issued U.S. Patent:

Patent No. : 6,026,496
Issued: : February 15, 2000
Application No. : 09/001,738
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Examiner : Dennis M. Butler
Art Unit : 2787

BOX REISSUE
Commissioner for Patents
U.S. Patent and Trademark Office
Washington, DC 20231

OFFER TO SURRENDER THE ORIGINAL PATENT

Sir:

Roderic W. Lewis, Vice President of Legal Affairs, General Counsel and Corporate Secretary of the Assignee of the entire interest in U.S. Letters Patent No. 6,026,496 which is entitled METHOD AND APPARATUS FOR GENERATING A PULSE and issued on February 15, 2000, to Micron Technology, Inc., hereby offers to surrender said Letters Patent.

Micron Technology, Inc.

3-8-02
Date

By: Roderic W. Lewis
Roderic W. Lewis
Vice President of Legal Affairs, General
Counsel and Corporate Secretary